

Amendments to the Specification

Please amend the specification as follows:

Please substitute Tables III and IV on the following pages for Tables III and IV on pages 46-47 of the specification.

Table III - Priming of Core-specific CTLs in Rhesus macaques.

| | | Percent Specific Lysis ^a | | | | | |
|---------------------------------|------|-------------------------------------|--|--------------------|-------------------------------------|--------------------------------------|-----------------------------|
| | | DV037 (Core-ISCOMS) | BB230 (Core+LTK63) | BB232 (rVVCIE1) | BB230 Core pool 4 (aa: 41-90) | BB232 Core pool 4 (aa: 12-170) | DV036 (rVVCIE1) |
| E:T Ratio | | Core pool 4 (aa: 121-170) | Core Pool 2, f _u (aa 41-90) | Hm ^b | Hm ^b | Hm ^b | Core pool 3 (aa: 81-130) |
| Week 0 (pre) | 40:1 | <1 | <1 | 11 | <1 | 9 | <1 |
| | 13:1 | 10 | <1 | <1 | 7 | <1 | 8 |
| | 4:1 | 2 | <1 | <1 | 7 | <1 | 4 |
| 2 (2w post 1 ^a) | 40:1 | NT | NT | NT | 44 ^c | <1 | 24 ^d |
| | 13:1 | NT | NT | NT | 25 | <1 | 5 |
| | 4:1 | NT | NT | NT | 13 | <1 | <1 |
| 6 (2w post 2 ^a) | 40:1 | 20 | <1 | 17 | 6 | N/A | N/A |
| | 13:1 | 10 | <1 | <1 | 13 | N/A | N/A |
| | 4:1 | 5 | <1 | <1 | 10 | N/A | N/A |
| 10 (2w post 3 ^a) | 40:1 | 20 | <1 | 49 | 9 | N/A | N/A |
| | 13:1 | 12 | <1 | 23 | <1 | N/A | N/A |
| | 4:1 | <1 | <1 | 14 | <1 | N/A | N/A |
| 14 (6w post 3 ^a) | 40:1 | 30 ^e | 5 | 40 | 30 | N/A | N/A |
| | 13:1 | 16 | <1 | 14 | 15 | N/A | N/A |
| | 4:1 | 12 | <1 | 9 | 10 | N/A | N/A |
| 29 (2w post 4 ^a) | 40:1 | 50 | 2 | 17 | <1 | N/A | N/A |
| | 13:1 | 35 | 3 | <1 | <1 | N/A | N/A |
| | 4:1 | 28 | 2 | <1 | <1 | N/A | N/A |

NT: Not Tested; N/A: Not applicable.

^a Percent Specific Lysis is only shown for animals with detectable CTL activity and for the peptide pools against which such CTL activity was detected.^b CTL activity of CD8+ T cells restimulated *in vitro* with a peptide pool (1 through 5) was tested against autologous B-LCLs sensitised with the same peptide pool (Hm) or an irrelevant peptide pool (HT).^c The epitopic peptide recognised is aa: 121-135 (~~KEKQETGGFADLMG~~). ^d The epitopic peptide recognised is aa: 86-100 (TENESCEWAAGWLTSP).

Atty. Dkt. No. 017227-0190

Table IV – Priming of Core-specific CD8+ and CT4+ in Rhesus macaques immunized with core-ISCOMs.

| Week | Animal #15860 | | | Animal #15861 | | | Animal #15862 | | | Animal #15863 | | | Animal #15864 | | | |
|------|---------------------------------------|----------------------------------|--------------|-----------------------------------|--------------|----------------------------------|---------------|-----------------------------------|--------------|----------------------------------|--------------|-----------------------------------|------------------------|----------------------------------|--------------|------------|
| | E:T Ratio | CD8 resp. (% Lysis) ^a | | CD4+ resp. (% Lysis) ^a | | CD8 resp. (% Lysis) ^a | | CD4+ resp. (% Lysis) ^a | | CD8 resp. (% Lysis) ^a | | CD4+ resp. (% Lysis) ^a | | CD8 resp. (% Lysis) ^a | | |
| | | Core pool B (aa: 61-140) | (aa: 61-140) | Core pool B (aa: 61-140) | (aa: 61-140) | Core pool B (aa: 61-140) | (aa: 61-140) | Core pool B (aa: 61-140) | (aa: 61-140) | Core pool B (aa: 61-140) | (aa: 61-140) | Core pool B (aa: 61-140) | (aa: 61-140) | Core pool B (aa: 61-140) | (aa: 61-140) | |
| 0 | 40:1 (pre 4:1) | 8 2 | 13 11 | 1.7 5 | 4 <1 | 1 <1 | 0.4 3 | 14 <1 | 14 8 | 0.9 1 | 11 4 | 5 3 | 1.2 <1 | 13 <1 | 3 13 | 0.8 <1 |
| 6 | 40:1 (2w post 2 nd 4:1) | 8 1<1 | 3 2 | 5.5 <1 | 7 <1 | <1 <1 | 1.9 4 | 31 ^c 16 | 8 6 | 34 ^c 5.0 | 9 6 | 42 ^d 3.5 | 18 20 | 18 4 | 18 3 | 3.8 3.8 |
| 10 | 40:1 (2w post 3 rd 4:1) | <1 1<1 | 3 12 | 7.1 <1 | 13 7 | 5 <1 | 4.5 4 | 31 14 | 5 6 | 2.1 ^e <1 | 29 8 | 1 <1 | 79 1.1 ^e | 10 60 | 10 11 | 8.8 8.8 |

^a CTL activity of CD8+ T cells restimulated *in vitro* with a peptide pool (A through C) was tested against autologous B-LCLs sensitized with the same peptide pool (Hm) or an irrelevant peptide pool (H1). Percent Specific Lysis is only shown for pool B since no CTL activity was detected in any animals for pool A (aa: 1-70) or pool C (aa: 131-191).

^b CD4+ response was determined by lymphoproliferation assay as described in Materials and Methods. A stimulation index (SI) of 3.0 or greater was scored positive.

^c epitope recognised was aa: 121-130 **KKVIDFHTEGFAELMGT**.

^d epitope recognised was aa: 86-100 **TKENEEEGWAGWLLSPY**.

^e High proliferation to *E. coli* control.